

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092718\
 Data File : VW005711.D
 Acq On : 27 Sep 2018 20:01
 Operator : VA/AP
 Sample : J5093-01
 Misc : 3.87G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TOP-SOIL

Quant Time: Sep 28 02:27:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

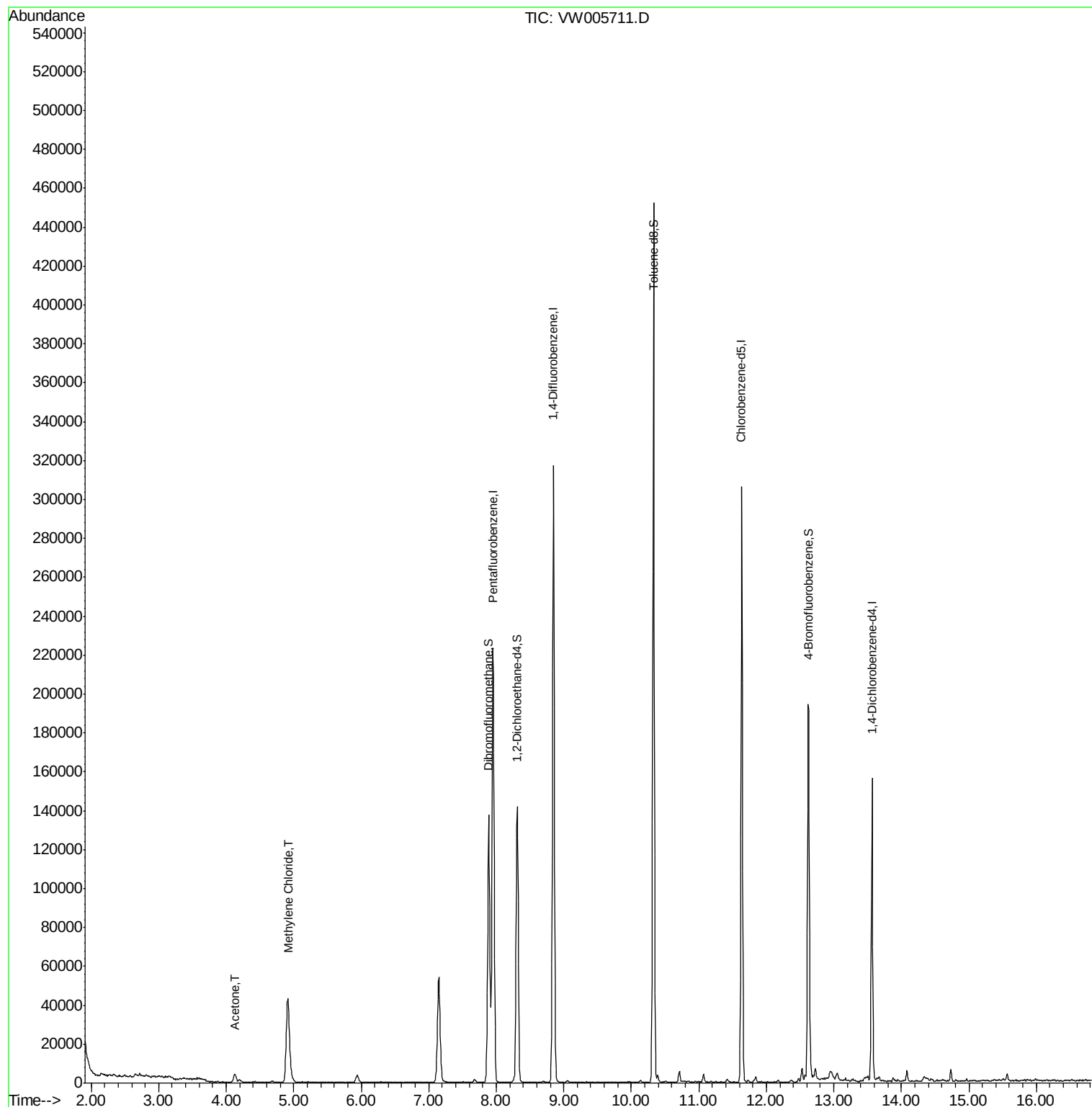
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	166288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	258854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	168982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	41432	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	118561	60.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.04%	
35) Dibromofluoromethane	7.89	113	95212	58.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.98%	
50) Toluene-d8	10.33	98	289973	43.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.50%	
62) 4-Bromofluorobenzene	12.62	95	61349	25.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.02%	
Target Compounds						
16) Acetone	4.13	43	7823	16.591	ug/l	98
20) Methylene Chloride	4.92	84	36448	19.599	ug/l	94

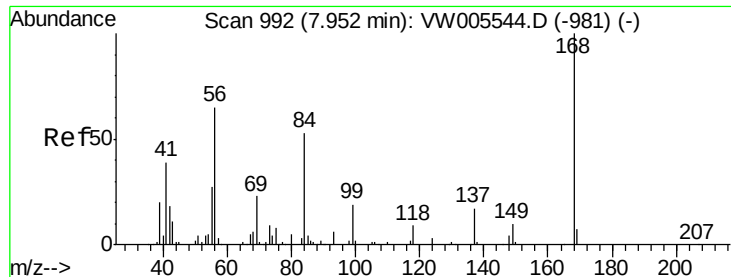
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 21 09:05:42 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005711.D

Acq: 27 Sep 2018 20:01

Instrument :

MSVOA_W

ClientSampled :

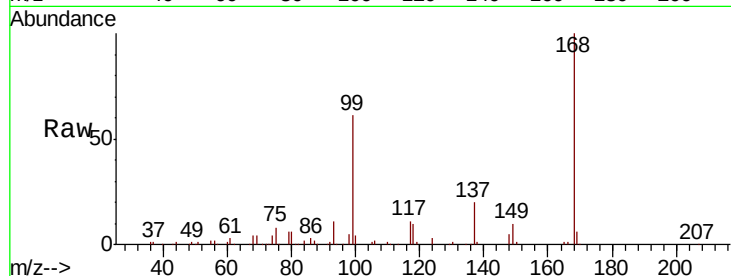
TOP-SOIL

Tot Ion:168 Resp: 166288

Ion Ratio Lower Upper

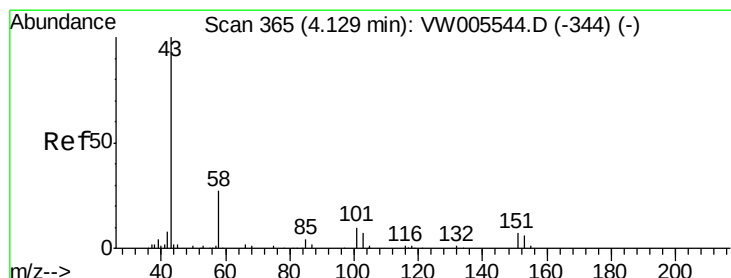
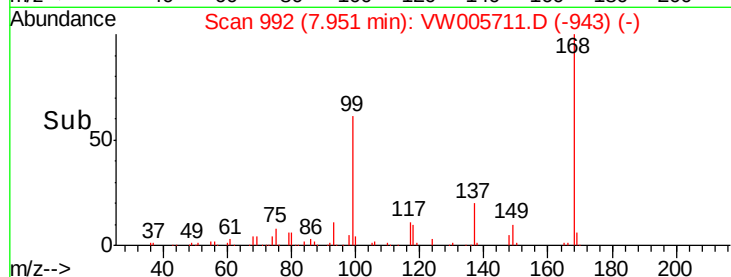
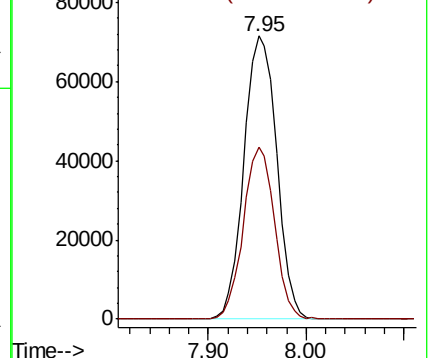
168 100

99 60.9 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 16.591 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW005711.D

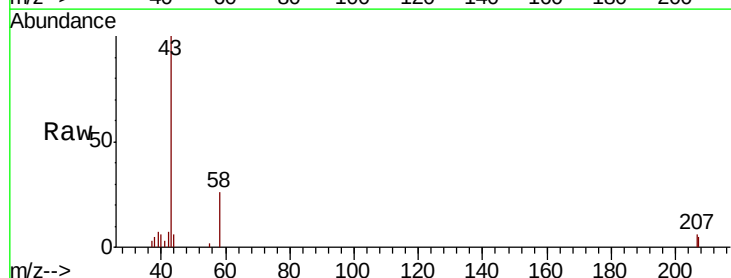
Acq: 27 Sep 2018 20:01

Tgt Ion: 43 Resp: 7823

Ion Ratio Lower Upper

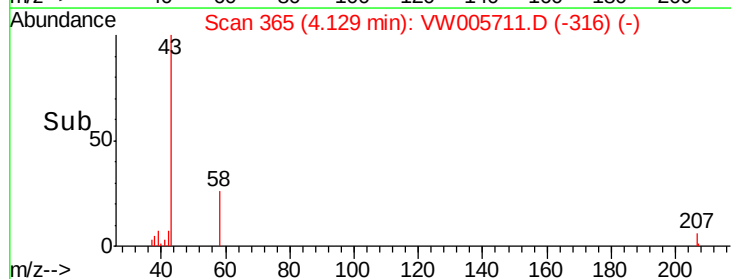
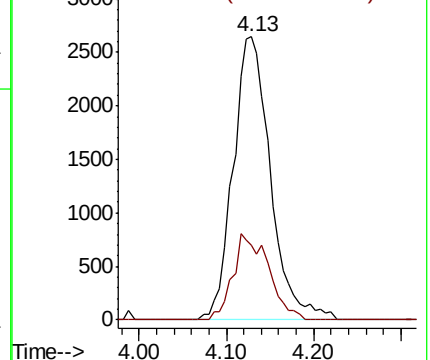
43 100

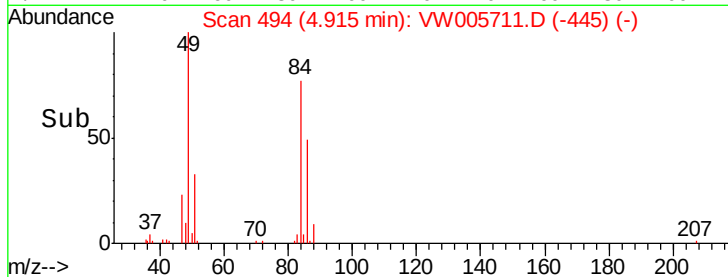
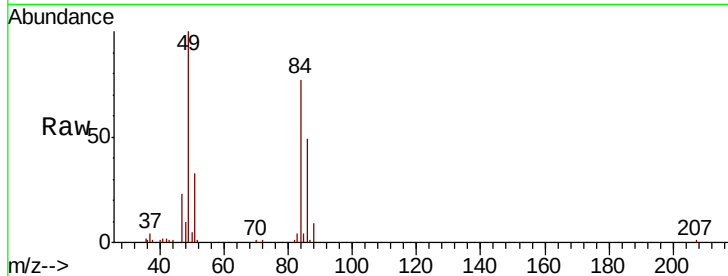
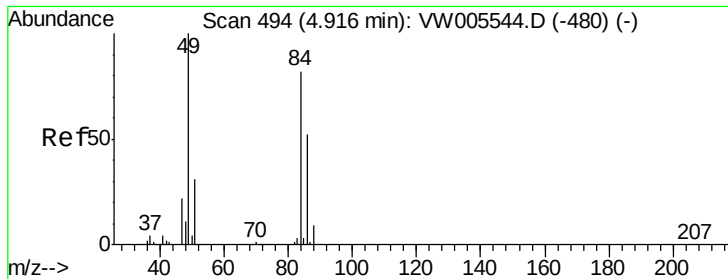
58 26.4 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

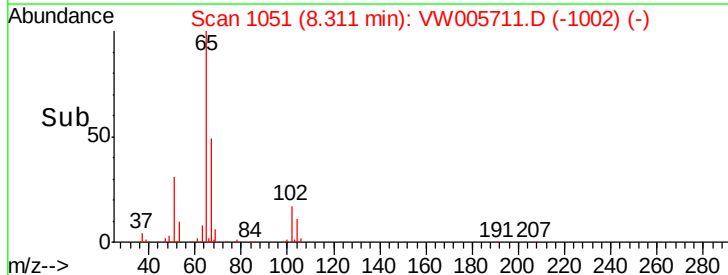
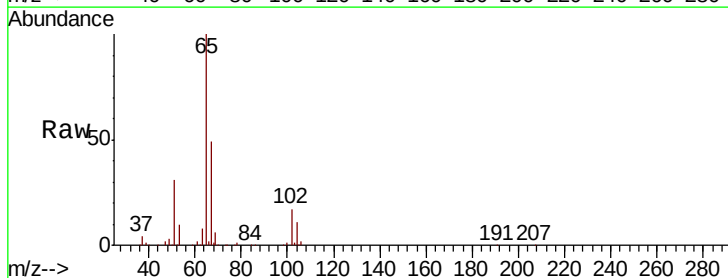
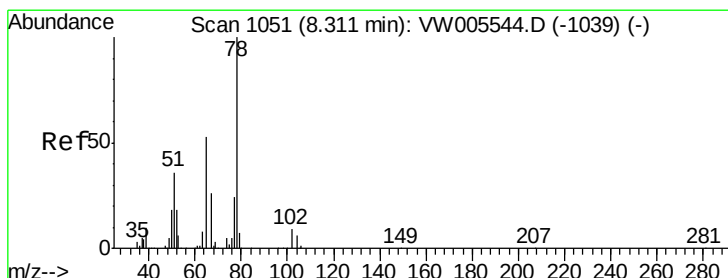
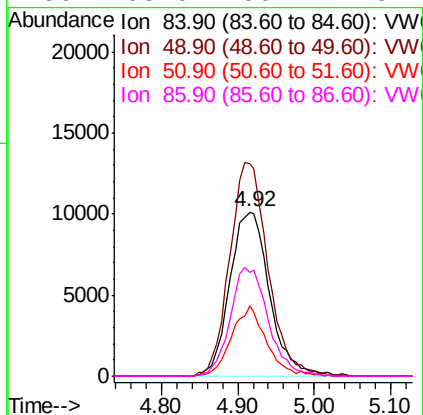




#20
Methylene Chloride
Concen: 19.599 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005711.D
Acq: 27 Sep 2018 20:01

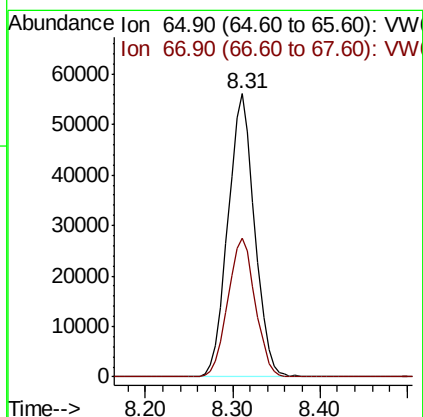
Instrument :
MSVOA_W
ClientSampled :
TOP-SOIL

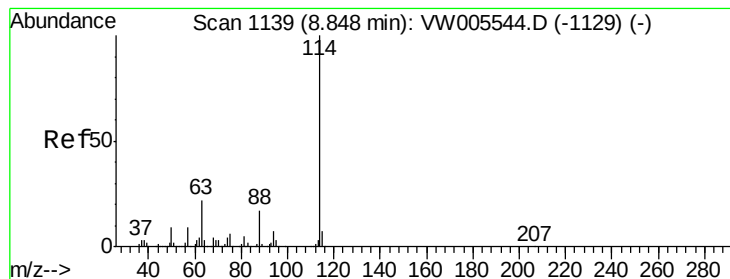
Tot Ion	84	Resp	36448
Ion	Ratio	Lower	Upper
84	100		
49	129.6	97.0	145.6
51	42.9	30.2	45.2
86	63.0	50.2	75.4



#33
1,2-Dichloroethane-d4
Concen: 60.521 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005711.D
Acq: 27 Sep 2018 20:01

Tgt Ion	65	Resp	118561
Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	100.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005711.D

Acq: 27 Sep 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

TOP-SOIL

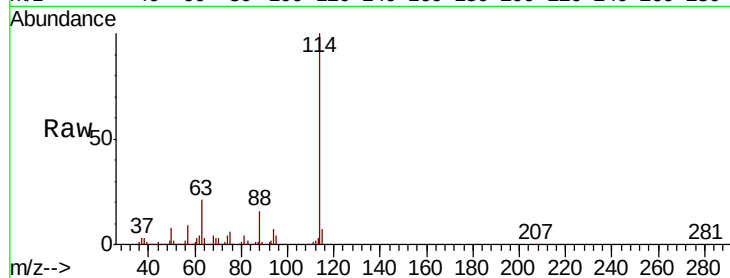
Tot Ion:114 Resp: 258854

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.0

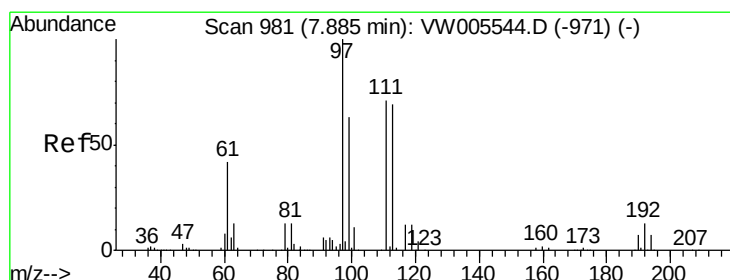
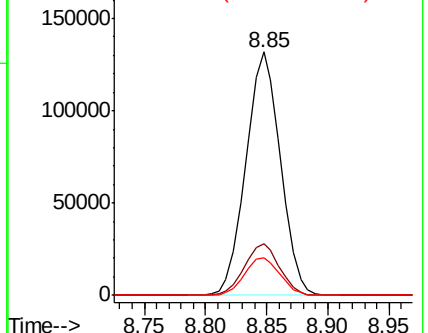
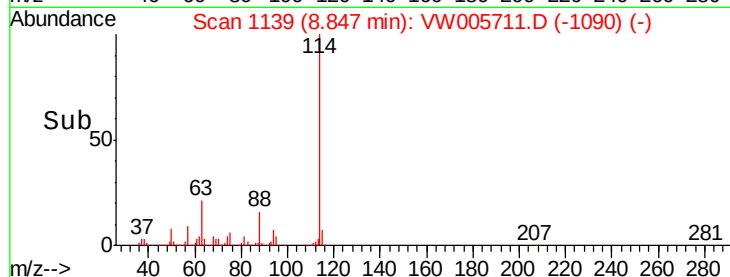
88 15.6 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 58.490 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005711.D

Acq: 27 Sep 2018 20:01

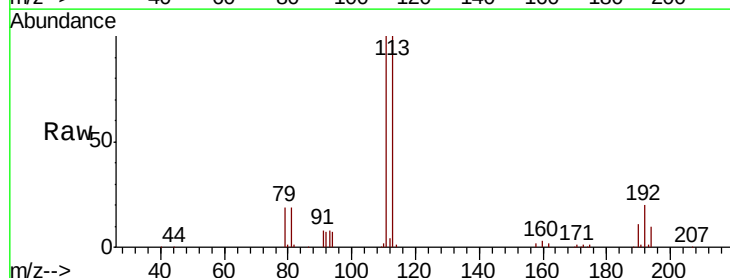
Tgt Ion:113 Resp: 95212

Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

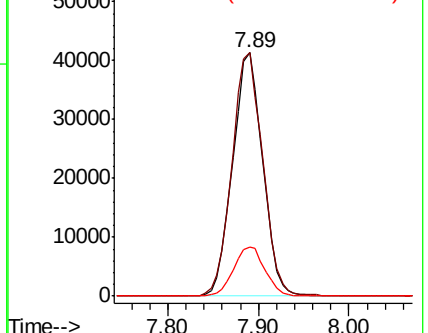
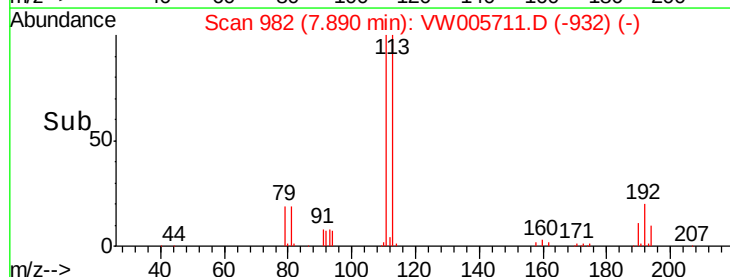
192 20.9 17.0 25.4

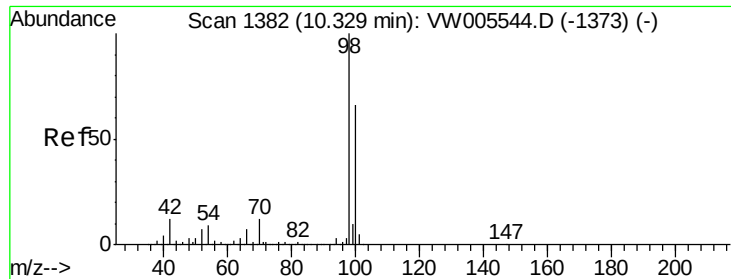


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.748 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005711.D

Acq: 27 Sep 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

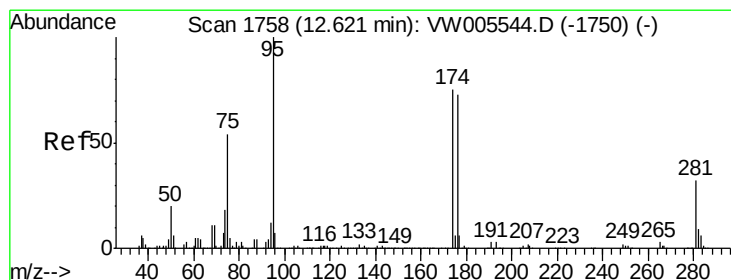
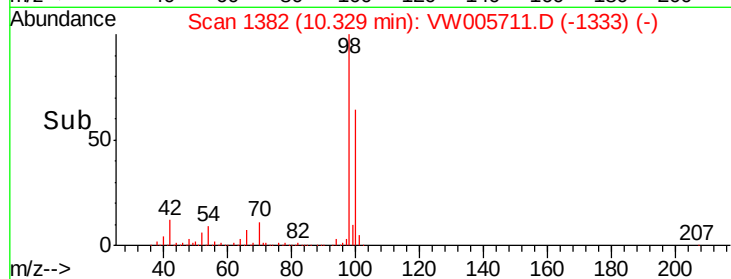
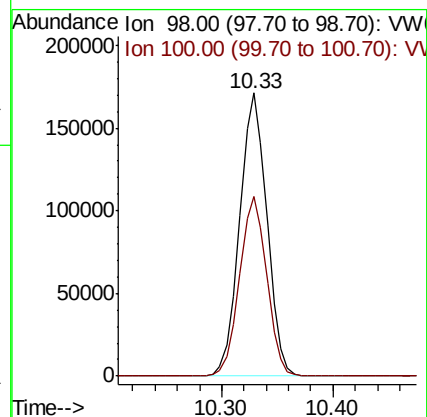
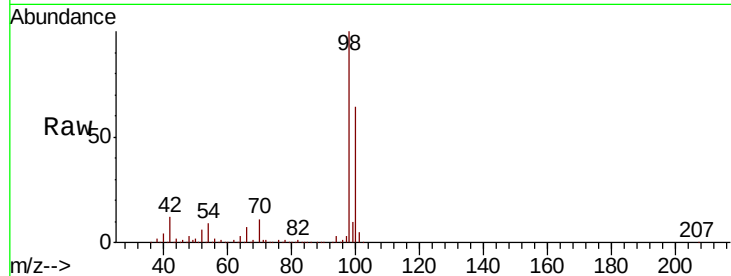
TOP-SOIL

Tot Ion: 98 Resp: 289973

Ion Ratio Lower Upper

98 100

100 63.3 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 25.014 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005711.D

Acq: 27 Sep 2018 20:01

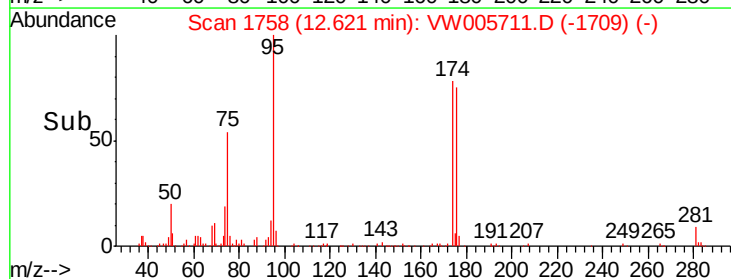
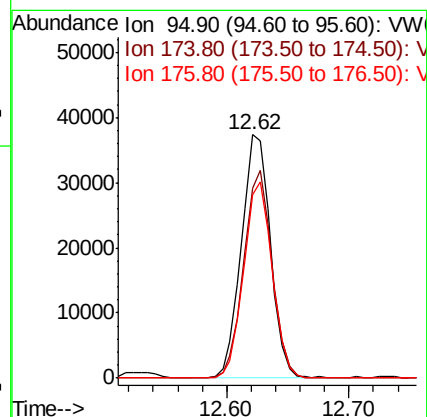
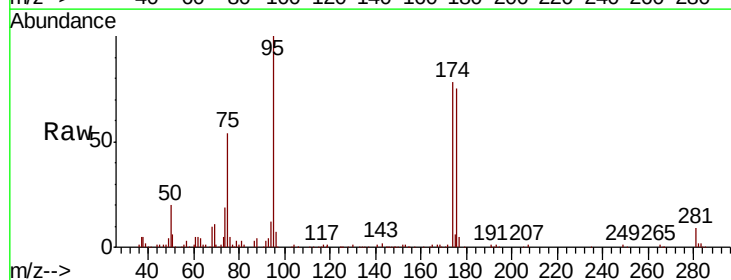
Tgt Ion: 95 Resp: 61349

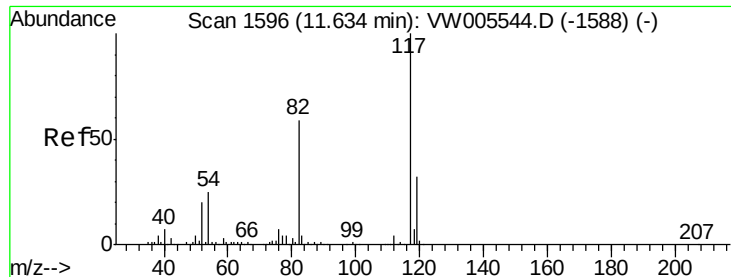
Ion Ratio Lower Upper

95 100

174 83.4 0.0 163.8

176 79.4 0.0 158.0

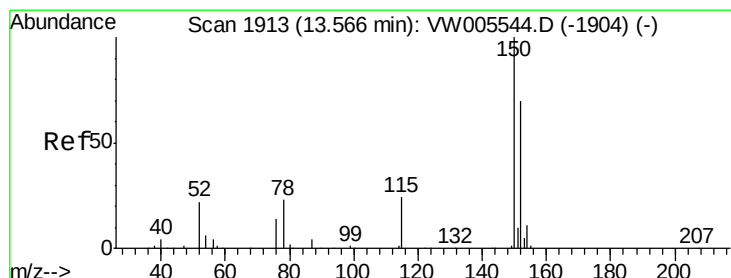
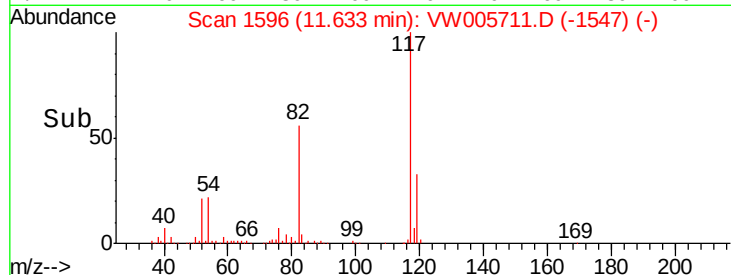
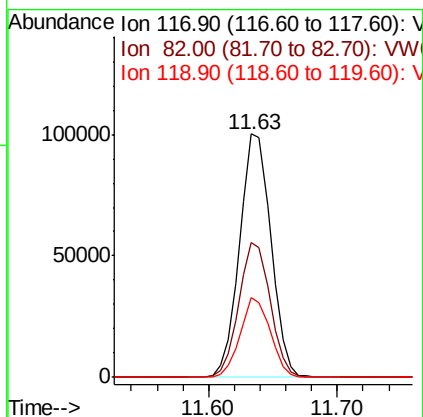
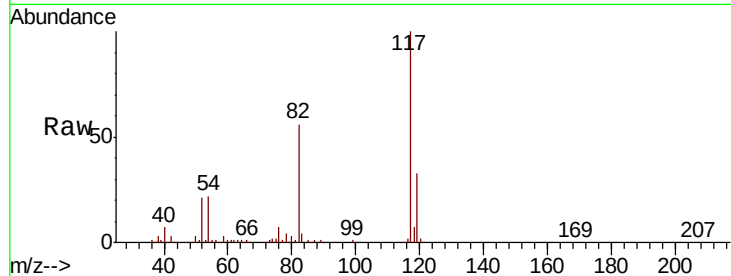




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005711.D
Acq: 27 Sep 2018 20:01

Instrument :
MSVOA_W
ClientSampled :
TOP-SOIL

Tot Ion:117 Resp: 168982
Ion Ratio Lower Upper
117 100
82 55.5 46.9 70.3
119 32.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005711.D
Acq: 27 Sep 2018 20:01

Tgt Ion:152 Resp: 41432
Ion Ratio Lower Upper
152 100
115 58.6 30.0 90.0
150 153.4 0.0 348.6

